

FORM PTO-1449
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT(S)

Atty Docket No. : 77661/57
 Serial No. :
 Applicants : T. KAWAHARA et al.
 Filed : 16 October 2001

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Patent Date	Name	Class/ Subclass	Filing Date
---------------------	------------------	----------------	------	--------------------	----------------



FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class/ Subclass	Translation Yes No
RWH	08-007897	01/12/96	Japan	—	ABS.
RWH	05-002625	12/01/93	Japan	—	Claims
RWH	63-294610	12/01/88	Japan	—	ABS.
RWH	59-157963	09/07/84	Japan	—	ABS.
RWH	08-059360	03/05/96	Japan	—	ABS.
RWH	07-245108	09/19/95	Japan	—	ABS.
RWH	09-082364	03/28/97	Japan	—	ABS.
RWH	03-049184	03/01/91	Japan	—	ABS.
RWH	05-039384	02/19/93	Japan	—	ABS.

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner
Initial

EXAMINER

Ralt Hady

DATE CONSIDERED

11-4-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Complete if Known

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Application Number	09/977,399
Filing Date	October 16, 2001
First Named Inventor	Tatsuya Kawahara, et al.
Group Art Unit	To be assigned 1746
Examiner Name	To be assigned Hodge
Attorney Docket Number	77661/57

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (<i>if known</i>)			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

RECEIVED
 APR 07 2003
 GROUP 1700

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
RWH		JP10-261421A	9/29/1998	Hiroshi		X (abstract)
RWH		JP62-232861A	10/13/1987	Choichi et al.		X (abstract)
RWH		JP6-44985A	2/18/1994	Takuya et al.		X (abstract)
RWH		JP2-117068A	5/1/1990	Noriaki		X (abstract)
RWH		JP62-184768A	8/13/1987	Choichi et al.		X (abstract)
RWH		WO 01/78174 A1	10/18/2001	Dohle		
RWH		DE 198 38 814 A1	3/4/1999	Takano, et al.		
RWH		DE 198 40 517 A1	9/4/1998	Rosenmayer		

**Examiner
Signature**

Date
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Applicant's unique citation designation number (optional). ⁴ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
⁵ Enter Office that issued the document, by the two-letter code (WIPO Standard St. 3). ⁶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁷ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.